| S5               | <b>\$</b> 4      | S   | S2               | δī  | 72                 | F                  | # Ref               |
|------------------|------------------|---|------------------|---|--------------------|--------------------|---------------------|
| 24               | 58               | 6   | 6                | 4.  | <b>1</b>           | μ.                 | Hits                |
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| USPAT            | USPAT            | USPAT   | USPAT            | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT | DBs                 |
| OR.              | OR               | OR  | OR.              | OR<br>I   | O <sub>R</sub>     | O <sub>R</sub>     | Default<br>Operator |
| 유                | OFF              | OFF   | OFF              | OFF   | Q.                 | Q                  | Plurals             |
| 2004/02/26 18:20 | 2004/02/26 18:12 | 2004/02/26 18:10  | 2004/02/26 18:08 | 2005/02/03 13:58  | 2005/02/03 13:59   | 2005/02/03 13:58   | Time Stamp          |

| S7   | S6  |
|--|---|
| 0  | 0   |
| (("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215854" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5353327" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "5828978" "58659895" "5862200" "5937033" "6002502" "6058161" "6061428" "6061428" "6097515" "6144722" "6192109" "6301337" "6366644" "6373923" "6453432" "4577238" "6661850" "4438298" "4446341" "4459436" "4467147" "4501003").pn. ("4516070" "4517513" "4525795" "4525789" "4536706" "4796289" "5715241" "6046986" "4590583" "4628158" "5293376" "4796720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5452343" "5555285" "5699402" "5800218" "5864602" "5870451" "5926460" "5978449" "5982851" "6002671").pn.) and 389/27.01.ccls. | (("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215855" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5828978" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "6061428" "6097515" "6144722" "6192109" "6301337" "636644" "6373923" "6453432" "6477238" "6661850" "4438298" "4446341" "4459436" "4467147" "4539652" "4554642" "4562436" "4590583" "4628158" "5293376" "4756017" "4796289" "5715241" "6046986" "4500158" "4562311" "4616897" "5818904" "5937034" "3867588" "4368363" "4369341" "4388501" "4588862" "4797720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5452343" "55599054" "5555285" "5699402" "5800218" "5864602" "5870451" "5926460" "5978449" "5982851" "6002671").pn.) and (gr-30) |
| US-PGPUB;<br>USPAT   | US-PGPUB;<br>USPAT  |
| S <sub>R</sub>   | Q <sub>R</sub>  |
| OFF  | O<br>FF   |
| 2004/02/26 18:20   | 2004/02/26 18:19  |

| S20                | S19                | S18              | S17   | S16              | S15  | S14   | S13              | S12   | S11              | S10   | S9                             | S8  |
|--------------------|--------------------|------------------|---|------------------|--|---|------------------|---|------------------|---|--------------------------------|---|
| <b>-</b>           | 4                  | 7                | 9   | 59               | 7  | <br>∞   | 8                | <br><b>∞</b>  | 10               | თ   | 22                             | ,   |
| REMILLARD-JASON    | CHADWICK-RAY-F     | "5699417".URPN.  | ("4670898"   "4764949"   "4777645"   "5073919"   "5406269"   "5490199"   "5502756"   "5615225"   "5799060").PN. | "5546448".URPN.  | ("4899358"   "4924496"   "5452346"   "5467385"   "5481594"   "5511111"  <br>"5546448").PN. | ("5265145"   "5452346"   "5490205"   "5699417"   "5799060"   "5907605"   "5974115"   "6038443").PN. | "5907605".URPN.  | ("5265145"   "5452346"   "5490205"   "5699417"   "5799060"   "5907605"   "5974115"   "6038443").PN. | "6038443".URPN.  | ("5778174"   "5805803"   "5848161"   "5915087"   "6081900"   "6275941").<br>PN. | LUNEAU-DAVID-J or LUNEAU-ET-AL | (("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5353327" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "5828978" "5859895" "5862200" "5937033" "6002502" "6058161" "6061428" "6061428" "6097515" "6144722" "6192109" "6301337" "6366644" "6373923" "453432" "6477238" "6661850" "4438298" "4446341" "4459436" "4467147" "4796289" "5715241" "6046986" "4590583" "4628158" "5293376" "4756017" "4796289" "5715241" "6046986" "4369341" "4588862" "4797720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5452343" "55599054" "5555285" "5699402" "5800218" "5864602" "5870451" "5926460" "5978449" "5982851" "6002671").pn.) and 379/27.01.ccls. |
| US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT | USPAT            | USPAT   | USPAT            | USPAT  | USPAT   | USPAT            | USPAT   | USPAT            | USPAT   | US-PGPUB;<br>USPAT             | US-PGPUB;<br>USPAT  |
| OR                 | 유                  | Я<br>Я           | Q.  | 유                | 웃  | Q <sub>R</sub>  | QR               | Я<br>Я  | Я<br>Я           | , OR  | 유                              | OR .  |
| OFF                | OFF                | OFF              | OFF   | OFF              | OFF  | OFF   | OFF              | OFF   | OFF              | OFF   | OFF                            | OFF   |
| 2004/02/27 08:53   | 2004/02/27 08:52   | 2004/02/27 08:46 | 2004/02/27 08:44  | 2004/02/27 08:37 | 2004/02/27 08:36   | 2004/02/27 08:36  | 2004/02/27 08:29 | 2004/02/27 08:26  | 2004/02/27 08:25 | 2004/02/27 08:20  | 2004/02/27 08:52               | 2004/02/26 18:20  |

Search History 2/3/05 2:17:17 PM Page 4
C:\APPS\EAST\Workspaces\%10,082,403 loop testing using caller id device.wsp

| 2004/02/27 09:03 | OFF | Q.             | US-PGPUB;<br>USPAT |        | (fish adj2 richardson) and (fsk)                         | 40       | S37        |
|------------------|-----|----------------|--------------------|--------|--|----------|------------|
| 2004/02/27 09:03 | OFF | Я<br>Я         | US-PGPUB;<br>USPAT | nd fsk | ((fish adj2 richardson) and (loop with test\$3)) and fsk | 2        | S36        |
| 2004/02/27 09:03 | OFF | Я<br>Я         | US-PGPUB;<br>USPAT |        | (fish adj2 richardson) and (loop with test\$3)           | 115      | S35        |
| 2004/02/27 09:02 | OFF | Q.             | US-PGPUB;<br>USPAT |        | (fish adj2 richardson) and test\$3                       | 6658     | S34        |
| 2004/02/27 09:02 | OFF | Q.             | US-PGPUB;<br>USPAT | st\$3  | ((fish adj2 richardson) and "379"/\$.ccls.) and test\$3  | 40       | S33        |
| 2004/02/27 08:58 | OFF | Q <sub>R</sub> | US-PGPUB;<br>USPAT |        | (fish adj2 richardson) and "379"/\$.ccls.                | 111      | S32        |
| 2004/02/27 08:58 | OFF | OR.            | US-PGPUB;<br>USPAT |        | fish adj2 richardson                                     | 17894    | S31        |
| 2004/02/27 08:58 | OFF | QR             | US-PGPUB;<br>USPAT |        | silverman-robert   | 7        | S30        |
| 2004/02/27 08:57 | OFF | Q <sub>R</sub> | US-PGPUB;<br>USPAT |        | robert-silverman   | 0        | S29        |
| 2004/02/27 08:57 | OFF | Q.             | US-PGPUB;<br>USPAT |        | richie-william   | 0        | S28        |
| 2004/02/27 08:57 | OFF | OR.            | US-PGPUB;<br>USPAT |        | william adj3 richie                                      | 0        | S27        |
| 2004/02/27 08:57 | OFF | Q <sub>R</sub> | US-PGPUB;<br>USPAT |        | robert adj2 silverman                                    | 16       | S26        |
| 2004/02/27 08:56 | OFF | O <sub>R</sub> | US-PGPUB;<br>USPAT |        | silverman  | 12264    | S25        |
| 2004/02/27 08:56 | OFF | Q.             | US-PGPUB;<br>USPAT |        | glitzenstein   | ω        | S24        |
| 2004/02/27 08:55 | OFF | Q <sub>R</sub> | US-PGPUB;<br>USPAT |        | bank adj4 hampshire                                      | <b>L</b> | S23        |
| 2004/02/27 08:55 | OFF | OR.            | US-PGPUB;<br>USPAT |        | classco  | 6        | S22        |
| 2004/02/27 08:54 | 양   | QR             | US-PGPUB;<br>USPAT |        | KING-THOMAS  | 7        | <b>S21</b> |

| S55                            | S54   | S53              | S52              | S51              | S50   | S49              | S48   | S47              | S46   | S45  | S44                   | S43                                | S42                | S41                | S40              | S39   | S38              |
|--------------------------------|---|------------------|------------------|------------------|---|------------------|---|------------------|---|--|-----------------------|------------------------------------|--------------------|--------------------|------------------|---|------------------|
| 2                              | 13  | 0                | 2                | ω                | 4   | 2                | 13  | 6                | 26  | 946  | 430                   | 430                                | 75                 | 364                | 15               | 4   | 2                |
| "6201853".pn. or "6014426".pn. | ("3814870"   "4647725"   "4796289"   "5291553"   "5297199"   "5600716"  <br>"5625686"   "5802170"   "5888085"   "6039578"   "6201853"   "6215856"  <br>"6252941").PN. | "6535579".URPN.  | "6201853".URPN.  | "5802143".URPN.  | ("5054055"   "5206900"   "5546448"   "5684858").PN. | "6014426".URPN.  | ("4837811"   "5404388"   "5473666"   "5619489"   "5657384"   "5661795"  <br>"5838786"   "5881129"   "5903624"   "5903625"   "5937034"   "5966427"  <br>"6041295").PN. | "6215854".URPN.  | 379/27.01,27.06.28,29.01,29.11,22.01,22.02,27.03,1.04,32.04,29.03.ccls. and fsk | 379/27.01,27.06.28,29.01,29.11,22.01,22.02,27.03,1.04,32.04,29.03.cds. | 379/27.01,27.06.ccls. | 379/27.01.ccls. or 379/27.06.ccls. | 379/27.06.ccls.    | 379/27.01.ccls.    | "4918623".URPN.  | ("5054055"   "5206900"   "5546448"   "5684858").PN. | "6014426".URPN.  |
| US-PGPUB;<br>USPAT             | USPAT   | USPAT            | USPAT            | USPAT            | USPAT   | USPAT            | USPAT   | USPAT            | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT   | US-PGPUB;<br>USPAT    | US-PGPUB;<br>USPAT                 | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT | USPAT            | USPAT   | USPAT            |
| OR<br>-                        | OR.   | 웃                | OR.              | OR<br>I          | Q.  | QR               | O <sub>R</sub>  | S<br>R           | Q <sub>R</sub>  | Я<br>Я   | Q <sub>R</sub>        | O <sub>R</sub>                     | Я<br>Я             | Q <sub>R</sub>     | Q <sub>R</sub>   | Q<br>P  | OR               |
| OFF                            | OFF   | OFF              | OFF              | OFF              | OFF   | OFF              | OFF   | OFF              | OFF   | OFF  | OFF                   | OFF                                | OFF                | OFF                | OFF              | OFF   | 양                |
| 2004/02/27 11:09               | 2004/02/27 10:58  | 2004/02/27 10:58 | 2004/02/27 10:56 | 2004/02/27 10:53 | 2004/02/27 10:49                                    | 2004/02/27 10:48 | 2004/02/27 10:30  | 2004/02/27 10:28 | 2004/02/27 11:07  | 2004/02/27 10:19   | 2004/02/27 10:19      | 2004/02/27 10:18                   | 2004/02/27 10:18   | 2004/02/27 10:17   | 2004/02/27 09:09 | 2004/02/27 09:06                                    | 2004/02/27 09:05 |

| S63              | S62              | S61              | S60              | S59   | S58              | \$57   | S56  |
|------------------|------------------|------------------|------------------|---|------------------|--|--|
| 0                | 8                | 18               | 6                | 5   | 0                | 38   | 97   |
| "6584148".URPN.  | "6278769".URPN.  | "4807277".URPN.  | "5442697".URPN.  | ("4585290"   "4588862"   "4736403"   "4756017"   "5828303").PN. | "6061428".URPN.  | "6215854" "6215855" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "\$189663" "\$291553" "\$345496" "\$353327" "\$367569" "\$398234" "\$426688" "\$438606" "\$442697" "\$784558" "\$353327" "\$357569" "\$398234" "\$426688" "\$438606" "\$442697" "\$784558" "\$53327" "\$357569" "\$398234" "\$426688" "\$438606" "\$442697" "\$784558" "\$6061428" "6061428" "6061428" "6061428" "6061428" "6661850" "4438298" "4446341" "4453646" "44536706" "445137513" "4525795" "44525789" "4525706" "4756017" "4796289" "\$715241" "6046986" "4500158" "4525795" "4525789" "4525706" "4775017" "4805652" "4936363" "4369341" "4388501" "\$4268862" "4797720" "4907277" "4869682" "4920555" "\$189694" "\$202916" "\$204896" "\$208803" "\$5224149" "\$235634" "\$235634" "\$2343641" "4388501" "\$4525795" "\$69402" "\$800218" "\$864602" "\$870451" "\$926460" "\$78446340" "\$218616" "\$483573" "\$7551794" "\$889785" "6151691" "\$7446340" "\$218555" "6215854" "6215855" "4258236" "\$403119" "4864598" "4912755" "4937851" "4998240" "\$9303586" "\$189663" "\$715241" "6046986" "\$398234" "\$4258795" "4258236" "\$442697" "\$784296" "\$784296" "\$784296" "\$784296" "\$784296" "\$784296" "\$784296" "\$7842668" "\$189663" "\$215853" "\$343461" "6061428" "6002567" "\$438298" "4446341" "4446340" "\$393234" "438298" "4446341" "449293851" "6061428" "601428" "6097515" "6147722" "6192109" "6301337" "6366444" "6373923" "6453432" "6477238" "6661850" "4438298" "4446341" "4459436" "4476017" "4766289" "\$715241" "6046986" "4500158" "452795" "452789" "45236706" "4796289" "\$715241" "6046986" "4500158" "4528795" "452789" "4526700" "7818904" "5204986" "5204886" "4770015" "47866882" "477720" "47866882" "4797720" "47866882" "4797720" "47869862" "4797720" "47869862" "4790555" "4360428" "4360428" "4700158" "4520499" "5437023" "5452343" "5452343" "5204986" "5204886" "47008383" "4628158" "5204986" "52048803" "475204986" "5204886" "47008383" "4628158" "5204986" "52048803" "475204986" "52048803" "475204986" "52048803" "475204986" "52048803" "475204986" "52048803" "475204986" "52048803" "475204986" "52048803" "47520 | ("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" |
| USPAT            | USPAT            | USPAT            | USPAT            | USPAT   | USPAT            | US-PGPUB;<br>US-PGPUB;   | US-PGPUB;  |
| Я<br>Я           | OR.              | R                | 유                | QR.   | Я<br>Я           | S  | SR.  |
| OFF              | 유                | OFF              | OFF              | OFF   | OFF              | O<br>Ti  | OFF  |
| 2004/02/27 11:36 | 2004/02/27 11:34 | 2004/02/27 11:31 | 2004/02/27 11:26 | 2004/02/27 11:18  | 2004/02/27 11:18 | 2004/02/27 12:08   | 2004/02/27 11:10   |

Search History 2/3/05 2:17:17 PM Page 7
C:\APPS\EAST\Workspaces\%10,082,403 loop testing using caller id device.wsp

| 2004/02/27 12:36 | OFF       | OR.            | US-PGPUB;<br>USPAT | 23 fsk same ((off adj hook) with loop)   | 23       | S82        |
|------------------|-----------|----------------|--------------------|--|----------|------------|
| 2004/02/27 12:16 | OFF<br>FF | O <sub>R</sub> | US-PGPUB;<br>USPAT | 9 (fsk same (off adj hook)) and (loop adj2 back)   | 10       | S81        |
| 2004/02/27 12:15 | 유         | O <sub>R</sub> | US-PGPUB;<br>USPAT | 95 (fsk same (off adj hook)) and (loop)  | 95       | S80        |
| 2004/02/27 12:15 | OFF       | OR             | US-PGPUB;<br>USPAT | 60   fsk same (off adj hook)   | 160      | S79        |
| 2004/02/27 12:13 | OFF       | OR             | US-PGPUB;<br>USPAT | 9   "4369341"  | 10       | S78        |
| 2004/02/27 12:13 | OFF       | OR             | US-PGPUB;<br>USPAT | 13 "5509054"   |          | S77        |
| 2004/02/27 12:13 | OFF       | OR             | US-PGPUB;<br>USPAT | 7 "5483573"  | <u> </u> | S76        |
| 2004/02/27 12:11 | OFF       | OR             | US-PGPUB;<br>USPAT | 15 "4258236"   | 1        | S75        |
| 2004/02/27 12:10 | OFF       | OR             | USPAT              | 10 ("4028493"   "4213201"   "4403119"   "4439637"   "4528664"   "4636584"   "4667065"   "4689760"   "4696031"   "5046067").PN.   | 10       | S74        |
| 2004/02/27 12:10 | OFF       | QR             | USPAT              | 1 RE36228.URPN.  |          | <b>S73</b> |
| 2004/02/27 12:08 | OFF       | OR.            | USPAT              | 1 RE36228.URPN.  |          | <b>S72</b> |
| 2004/02/27 12:11 | 연구        | Q <sub>R</sub> | US-PGPUB;<br>USPAT | 5 "4403119"  | (5       | <b>S71</b> |
| 2004/02/27 11:56 | OFF       | Q <sub>R</sub> | USPAT              | 5   "5677941".URPN.  |          | S70        |
| 2004/02/27 11:50 | OFF       | OR             | USPAT              | 7 ("4807277"   "5323460"   "5392327"   "5404389"   "5483573"   "5537287"   "5677941").PN.  |          | S69        |
| 2004/02/27 11:50 | OFF       | Q <sub>R</sub> | USPAT              | 0 "6052437".URPN.  | _        | S68        |
| 2004/02/27 11:48 | OFF       | Q <sub>R</sub> | USPAT              | 0 "6052437".URPN.  |          | S67        |
| 2004/02/27 11:40 | OFF       | OR             | USPAT              | 15   ("5146490"   "5652782"   "5726972"   "5790634"   "5857011"   "5901201"   "5912946"   "5937033"   "5937034"   "5940473"   "5943391"   "5974115"   "5982851"   "6002746"   "6005921").PN. | 14       | S66        |
| 2004/02/27 11:38 | OFF       | O <sub>R</sub> | USPAT              | 3 "6078646".URPN.  |          | S65        |
| 2004/02/27 11:36 | 양         | OR             | USPAT              | 9 ("5479439"   "5528661"   "6075784"   "6078646"   "6177801"   "6215855"   "6278769"   "6301337"   "6434221").PN.  | 10       | S64        |
|                  |           |                |                    |  |          |            |

Search History 2/3/05 2:17:17 PM Page 8
C:\APPS\EAST\Workspaces\%10,082,403 loop testing using caller id device.wsp

|                  | OFF      | R              | USPAŢ              | 0   "5535265".URPN.   | 30       | 0 810 |
|------------------|----------|----------------|--------------------|---|----------|-------|
| 2004/02/27 13:09 | OFF      | OR.            | US-PGPUB;<br>USPAT | 0 (remot\$3 with (off adj hook)) same (loop with test\$3)   | 10       | S99   |
| 2004/02/27 12:50 | OFF      | OR.            | US-PGPUB;<br>USPAT | 1   remot\$3 with (off adj hook)  | 701      | S98   |
| 2004/02/27 12:49 | 유        | Q <sub>R</sub> | USPAT              | 6   "6005921".URPN.   | 6        | S97   |
| 2004/02/27 12:50 | OFF      | O <sub>R</sub> | US-PGPUB;<br>USPAT | 7 (fsk and dtmf) and (loop with test\$3)  | 27       | S96   |
| 2004/02/27 12:45 | 유        | 유              | US-PGPUB;<br>USPAT | 3   fsk and dtmf  | 573      | S95   |
| 2004/02/27 12:45 | 유        | · R            | US-PGPUB;<br>USPAT | 6 (fsk same dtmf) and (loop with test\$3)   | 6        | S94   |
| 2004/02/27 12:45 | OFF      | Q.             | US-PGPUB;<br>USPAT | 3   fsk same dtmf   | 213      | S93   |
| 2004/02/27 12:44 | 양        | OR.            | US-PGPUB;<br>USPAT | 5 (fsk with dtmf) and (loop with test\$3)   | 5        | S92   |
| 2004/02/27 12:41 | OFF.     | Q.             | US-PGPUB;<br>USPAT | 5 (fsk with dtmf) and (drop\$3 with volt\$3)  | 15       | S91   |
| 2004/02/27 12:38 | OFF      | OR.            | US-PGPUB;<br>USPAT | 5 (fsk with dtmf) and (volt\$3)   | 75       | S90   |
| 2004/02/27 12:38 | OFF      | OR.            | US-PGPUB;<br>USPAT | 0 (fsk with dtmf) and (volt\$3 adj2 dect\$3)  | 0        | S89   |
| 2004/02/27 12:44 | OFF      | OR.            | US-PGPUB;<br>USPAT | 7 ssk with dtmf   | 147      | S88   |
| 2004/02/27 12:34 | OFF      | Q.             | USPAT              | 2   ("4920560"   "4935954"   "4969184"   "5262860"   "5343516"   "5398280"   "5416831"   "5434911"   "5530740"   "5757891"   "5768528"   "5832067").PN.   | 12       | S87   |
| 2004/02/27 12:26 | 유        | Q <sub>R</sub> | USPAT              | 7   ("3660610"   "3758729"   "3927264"   "4827461"   "4953200"   "5111502"   "5263084"   "5283825"   "5392341"   "5502761"   "5519774"   "5583924"   "5745557"   "5768367"   "5812649"   "5937058"   "6122353").PN. | 17       | S86   |
| 2004/02/27 12:26 | 유        | Q <sub>R</sub> | USPAT              | 0 "6295348".URPN.   | 0        | S85   |
| 2004/02/27 12:22 | OFF<br>F | Я<br>Я         | USPAT              | 0 "6661850".URPN.   | 0        | S84   |
| 2004/02/27 12:21 | 유        | OR             | USPAT              | 1 "5377260".PN.   | <b>—</b> | S83   |

| \$10<br>3   | \$10<br>2  | S10              |
|---|--|------------------|
| 59  | 97   | 24               |
| (("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215855" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5353327" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "5828978" "5859895" "5862200" "5937033" "6002502" "6058161" "6061428" "6061428" "6097515" "6144722" "6192109" "6301337" "6366644" "6373923" "6453432" "6477238" "6661850" "4438298" "4446341" "4459436" "4467147" "4539652" "4554642" "4562436" "4590583" "4525795" "4525789" "4536706" "4796289" "5715241" "6046986" "4590583" "4562311" "4616897" "5818904" "5937034" "3867588" "4368363" "4369341" "4388501" "4588862" "4797720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5452343" "5509054" "5555285" "5699402" "5800218" "5864602" "5870451" "5926460" "5978449" "5982851" "6002671").pn.) and (loop with test\$3) | ("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215855" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5353327" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "5828978" "6859895" "5862200" "5937033" "6002502" "6058161" "6061428" "6061428" "607515" "6144722" "6192109" "6301337" "6366644" "6373923" "6453432" "4554642" "4516070" "4517513" "4525795" "4459436" "4459436" "4467147" "4796289" "5715241" "6046986" "4590583" "4628158" "5293376" "4756017" "4796289" "5715241" "6046986" "4500158" "4562311" "4616897" "5818904" "5937034" "3867588" "4368363" "4369341" "4388501" "4588862" "4797720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5452343" "5509054" "5555285" "5699402" "5800218" "5864602" "5870451" "5926460" "5978449" "5982851" "6002671").pn. | "4937851".URPN.  |
| US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT   | USPAT            |
| Q <sub>R</sub>  | Q <sub>R</sub>   | Я<br>Я           |
| OFF.  | OFF  | OFF              |
| 2004/02/27 13:09  | 2004/02/27 13:09   | 2004/02/27 13:01 |

| S11                | S11<br>3  | S11<br>2                                  | S11                              | S11<br>0           | S10                            | 8<br>8             | S10              | S10              | S10              | \$10<br>4  |
|--------------------|---|---|----------------------------------|--------------------|--------------------------------|--------------------|------------------|------------------|------------------|--|
|                    |   |   |                                  | - <del></del>      |                                |                    |                  |                  |                  |  |
| 4                  | 4   | 36  | 26                               | 222                | 11                             | 9585               | 65               | <b>—</b>         | 0                | . 4  |
| "6078646"          | (GARLAND-STUART-M or GARLAND-STUART-MANDEL ) and (loop adj2 back) | GARLAND-STUART-M or GARLAND-STUART-MANDEL | gr-30\$2 and (loop with test\$3) | gr-30\$2           | garland and (loop adj test\$3) | garland            | "5377260".URPN.  | "5377260".PN.    | "6661850".URPN.  | ((("5343461" "4446340" "5218616" "5483573" "5751794" "5889785" "6151691" "6215854" "6215855" "6215854" "6215855" "4258236" "4403119" "4864598" "4912755" "4937851" "4998240" "5003586" "5189663" "5291553" "5345496" "5353327" "5367569" "5398234" "5426688" "5438606" "5442697" "5784558" "5828978" "5859895" "5862200" "5937033" "6002502" "6058161" "6061428" "6061428" "6097515" "6144722" "6192109" "6301337" "636644" "6373923" "6453432" "4516070" "4517513" "4525789" "4467147" "4501003").pn. ("4516070" "4517513" "4525795" "4525789" "4756017" "4796289" "5715241" "6046986" "4590583" "4628158" "5293376" "4797720" "4807277" "4869682" "4920555" "5189694" "5202916" "5204896" "5208803" "5224149" "5233501" "5235634" "5243644" "5309499" "5437023" "5926460" "5978449" "5982851" "6002671").pn.) and (loop with test\$3)) and fsk |
| US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT                        | US-PGPUB;<br>USPAT               | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT             | US-PGPUB;<br>USPAT | USPAT            | USPAT            | USPAT            | US-PGPUB;<br>USPAT   |
| OR                 | 유   | Q.  | Я<br>Я                           | Q.                 | R                              | Q.                 | QR               | OR.              | Q <sub>R</sub>   | Q.   |
| OFF                | 유   | OFF                                       | 유                                | OFF                | 유                              | 유                  | OFF              | OFF              | OFF              | O<br>H   |
| 2004/03/01 13:24   | 2004/03/01 08:16  | 2004/03/01 08:16                          | 2004/02/27 13:23                 | 2004/02/27 13:23   | 2004/02/27 13:22               | 2004/02/27 13:21   | 2004/02/27 13:13 | 2004/02/27 13:10 | 2004/02/27 13:10 | 2004/02/27 13:19   |

| S12<br>9   | \$12<br>8                   | S12 1                                    | S12                 | S12<br>5            | \$12<br>4   | S12<br>3           | S12<br>2           | S12                 | S12<br>0                         | S11<br>9   | S11  | S11<br>7           | S11<br>6  | ъ   |
|--|-----------------------------|--|---------------------|---------------------|---|--------------------|--------------------|---------------------|----------------------------------|--|--|--------------------|---|---|
| 183  | 379                         | 14021                                    | <b>F-4</b>          | 0                   | 15  | 0                  | 4                  | <u>,</u>            | 6                                | 9  | 12   | ω                  | ω   |   |
| (line with terminat\$3) and ((reflect\$3) same (return adj2 loss)) | S127 and (return adj2 loss) | (line with terminat\$3) and (reflect\$3) | S124 and reflect\$3 | S122 and reflect\$3 | ("5146490"   "5652782"   "5726972"   "5790634"   "5857011"   "5901201"   "5912946"   "5937033"   "5937034"   "5940473"   "5943391"   "5974115"   "5982851"   "6002746"   "6005921").PN. | S122 and relect\$3 | "6078646"          | S119 and reflect\$3 | S119 and (line with terminat\$3) | ("5479439"   "5528661"   "6075784"   "6078646"   "6177801"   "6215855"  <br>"6278769"   "6301337"   "6434221").PN. | ("4360912"   "4423506"   "4864519"   "5715475"   "5801913"   "5914957"  <br>"6105077"   "6177801"   "6434221"   "6449544"   "6584148"   "6600723").PN. | "6584148"          | "6078646".pn. or "6584148".pn. or "6295348".pn. | "5912946"   "5937033"   "5937034"   "5940473"   "5943391"   "5974115"  <br>"5982851"   "6002746"   "6005921").PN. |
| US-PGPUB;<br>USPAT   | US-PGPUB;<br>USPAT          | US-PGPUB;<br>USPAT                       | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT;<br>USOCR  | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT  | US-PGPUB;<br>USPAT               | US-PGPUB;<br>USPAT;<br>USOCR   | US-PGPUB;<br>USPAT;<br>USOCR   | US-PGPUB;<br>USPAT | US-PGPUB;<br>USPAT                              |   |
| OR.  | O <sub>R</sub>              | O <sub>R</sub>                           | OR                  | O <sub>R</sub>      | Q <sub>R</sub>  | Q <sub>R</sub>     | Q <sub>R</sub>     | OR.                 | OR                               | Q <sub>R</sub>   | O <sub>R</sub>   | OR.                | Я<br>Я  |   |
| N<br>N   | 8                           | 8  | 8                   | ON.                 | Q<br>Q  | Q<br>Q             | O <sub>N</sub>     | O <sub>N</sub>      | Q<br>Q                           | Q.   | S<br>S   | O <sub>N</sub>     | OFF   |   |
| 2005/02/03 12:42   | 2005/02/03 12:27            | 2005/02/03 12:27                         | 2005/02/03 12:25    | 2005/02/03 12:25    | 2005/02/03 12:24  | 2005/02/03 12:25   | 2005/02/03 12:24   | 2005/02/03 12:26    | 2005/02/03 12:23                 | 2005/02/03 12:22   | 2005/02/03 12:22   | 2005/02/03 12:21   | 2004/03/01 13:25                                |   |

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|---|
| "6292539"   "638                        |
| "6014369"   "6014425"<br>"6385297").PN. |
| 25"   "6058162"                         |
| "   "6091713"                           |
| "6185191"                               |
| USOCR                                   |
|   |
| _                                       |
| _                                       |